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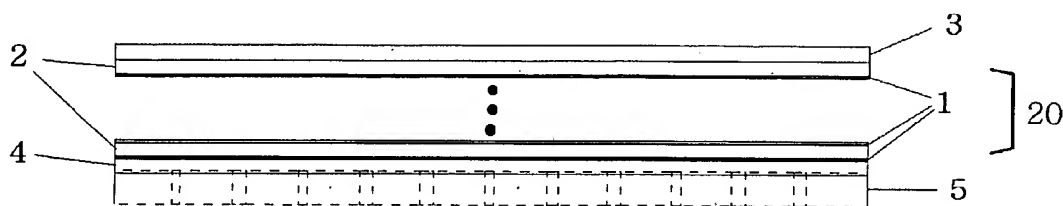
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(54) Title: PRISM-PATTERNED BROADBAND REFLECTIVE POLARIZER FOR LIQUID CRYSTAL DISPLAY



(57) Abstract: The present invention is related to a method of method of manufacture of a reflective polarizing film that can improve brightness of a liquid crystal display device remarkably by making a liquid crystal film that can over visible light by using cholesteric liquid crystal layers having different selective light-reflection central wavelengths, attaching a quarter wave ($1/4 \lambda$) retardation film on top of the liquid crystal film, and adding prism patterns to the opposite side of the liquid crystal film. The reflective polarizing film of the preset invention is characterized by that two or more cholesteric liquid crystal layers having different selective reflection wavelength regions are laminated in order from a shorter wavelength to a longer wavelength, and brightness of a liquid crystal display device is maximized owing to an integrated film manufactured by attaching a $1/4 \lambda$ retardation film onto cholesteric liquid crystal layers and forming prism patterns onto the opposite side.

WO 2006/038754 A1